

In the Claims

1 23.(canceled)
2 24.(canceled)
3 25.(canceled)
4 26.(canceled)
5 27.(canceled)
6 28.(canceled)
7 29.(canceled)
8 30.(canceled)
9 31.(canceled)
10 32.(canceled)
11 33.(canceled)
12 34.(canceled)

1 35.(new) A composition comprising an insect food and an insecticidal effective amount of a
2 *Rhodobacter capsulatus* bacteria, where the insecticidal effective amount is sufficient to reduce or
3 kill an insect population when the composition is ingested by insects in the insect population or
4 taken to a nest for subsequent ingestion by insects in the insect population resulting in insect death
5 after ingestion.

1 36.(new) The composition of claim 35, wherein the insecticidal effective amount comprises
2 from about 5×10^9 to about 1×10^{13} bacteria per gram of the composition.

1 37.(new) The composition of claim 35, wherein the insects are selected from the group
2 consisting of cockroaches, fire ants, carpenter ants, and termites.

1 38.(new) The composition of claim 35, wherein the bacteria are viable, non-viable, or mixtures
2 thereof.

1 39.(new) The composition of claim 35, wherein the insect food comprises a carbohydrate and
2 insects are selected from the group consisting of cockroaches and fire ants.

1 40.(new) The composition of claim 39, wherein the insect food comprises at least 60 wt.%
2 carbohydrate.

1 41.(new) The composition of claim 35, wherein the insect food comprises a cellulosic material
2 and the insects are selected from the group consisting of carpenter ants and termites.

1 42.(new) A insecticidal composition comprising a treating amount of a bait including an insect
2 food and an insecticidal effective amount of a *Rhodobacter capsulatus* bacteria, where the treating
3 amount of the bait is sufficient to treat an insect population and where the insecticidal effective
4 amount of the *Rhodobacter capsulatus* bacteria is sufficient to reduce or kill an insect population,
5 when the bait is ingested by insects in the insect population or taken to a nest for subsequent
6 ingestion by insects in the insect populations resulting in insect death after ingestion.

1 43.(new) The composition of claim 42, wherein the insects are selected from the group
2 consisting of cockroaches, fire ants, carpenter ants, and termites.

1 44.(new) The composition of claim 42, wherein the bacteria are viable, non-viable, or mixtures
2 thereof.

1 45.(new) The composition of claim 42, wherein the treating amount is about 5 grams of the
2 composition per insect population to be treated

1 46.(new) The composition of claim 42, wherein the insecticidal effective amount is from about
2 5×10^9 to about 1×10^{13} bacteria per gram of the composition.

1 47.(new) The composition of claim 42, wherein the treating amount is about 5 grams of the
2 composition per insect population to be treated and the insecticidal effective amount is from about
3 5×10^9 to about 1×10^{13} bacteria per gram of the composition.

1 48.(new) The composition of claim 42, wherein the insect food comprises a carbohydrate and

2 insects are selected from the group consisting of cockroaches and fire ants.

1 49.(new) The composition of claim 48, wherein the insect food comprises at least 60 wt.%
2 carbohydrate.

1 50.(new) The composition of claim 42, wherein the insect food comprises a cellulosic material
2 and the insects are selected from the group consisting of carpenter ants and termites.

1 51.(new) A insecticidal composition comprising a treating amount of a bait including an insect
food and an insecticidal effective amount of an extract of a *Rhodobacter capsulatus* bacteria, where
the extract is derived from non-viable, ruptured, dehydrated bacterial material, where the treating
amount of the bait is sufficient to treat an insect population and where the insecticidal effective
amount of the extract of the *Rhodobacter capsulatus* bacteria is sufficient to reduce or kill an insect
population, when the bait is ingested by insects in the insect population or taken to a nest for
subsequent ingestion by insects in the insect populations resulting in insect death after ingestion.

1 52.(new) The composition of claim 51, wherein the insects are selected from the group
2 consisting of cockroaches, fire ants, carpenter ants, and termites.

1 53.(new) The composition of claim 51, wherein the bacteria are viable, non-viable, or mixtures
2 thereof.

1 54.(new) The composition of claim 51, wherein the treating amount is at least about 5 grams
2 of the composition per insect population to be treated

1 55.(new) The composition of claim 51, wherein the insecticidal effective amount is an extract
2 from about 5×10^9 to about 1×10^{13} bacteria per gram of a bacterial containing material.

1 56.(new) The composition of claim 51, wherein the treating amount is about 5 grams of the
2 composition per insect population to be treated and the insecticidal effective amount is an extract
3 from about 5×10^9 to about 1×10^{13} bacteria per gram of a bacterial containing material.

1 **57.(new)** The composition of claim 51, wherein the insect food comprises a carbohydrate and
2 insects are selected from the group consisting of cockroaches and fire ants.

1 **58.(new)** The composition of claim 57, wherein the insect food comprises at least 60 wt.%
2 carbohydrate.

1 **59.(new)** The composition of claim 51, wherein the insect food comprises a cellulosic material
2 and the insects are selected from the group consisting of carpenter ants and termites.